INTERNATIONAL SEARCH REPORT

Interior Application No PCT/IB2005/050407

A.	CLASS	FICATION	OF SUBJE	CT MATTER
Ϊl	PC 7	A61N	1/39	CT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 662 690 A (COLE ET AL) 2 September 1997 (1997-09-02) cited in the application the whole document In particular column 3, lines 17-42; figures 1,2 column 4, line 65 - column 5, line 35	1-15,17, 18
Υ	US 2003/055478 A1 (LYSTER THOMAS D ET AL) 20 March 2003 (2003-03-20) cited in the application	1-15,17, 18
X	paragraphs '0014!, '0021!, '0027! paragraphs '0124! - '0127!; figure 4 paragraphs '0158! - '0169!; figures 12-14 paragraphs '0242! - '0246! claim 164	
	/	

Y Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
18 May 2005	25/05/2005
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Loveniers, K

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		FC1/182005/05040/		
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Calegory °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.		
Α	US 2003/216785 A1 (EDWARDS D. CRAIG ET AL) 20 November 2003 (2003-11-20) paragraph '0031! paragraphs '0034! - '0036! paragraphs '0043! - '0046!; figure 12	1-18		
A	US 5 792 190 A (OLSON ET AL) 11 August 1998 (1998-08-11) the whole document in particular column 3, lines 37-46; figures 2,5 column 5, line 3 - column 6, line 34	1–18		
Υ .	US 2003/028219 A1 (POWERS DANIEL J ET AL) 6 February 2003 (2003-02-06) paragraph '0030! paragraphs '0041! - '0043!; figure 5 paragraph '0073!; figure 14	7-9		
Υ .	US 5 993 219 A (BISHAY ET AL) 30 November 1999 (1999-11-30) cited in the application column 3, lines 42-66; figures 2,3	14,18		
Υ .	US 2002/143366 A1 (HERLEIKSON EARL CLARK) 3 October 2002 (2002-10-03) paragraphs '0009! - '0012! paragraphs '0053! - '0059!	10,11		
A	US 2003/036044 A1 (PASTRICK JOHN J ET AL) 20 February 2003 (2003-02-20) the whole document in particular paragraphs '0019! - '0021!, '0024!	1-18		
A	GB 2 386 071 A (* IXA MEDICAL PRODUCTS LLP) 10 September 2003 (2003-09-10) abstract page 3, line 3 - page 4, line 23	1-18		

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INTERNATIONAL SEARCH REPORT

information on patent family members

Internation No
PCT/IB2005/050407

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5662690	Α	02-09-1997	US AU WO	5611815 4417496 9617652	Α	18-03-1997 26-06-1996 13-06-1996
US 2003055478	A1	20-03-2003	NONE	:		
US 2003216785	A1	20-11-2003	AU CA EP WO	2003243211 2485750 1503825 03097161	A1 A2	02-12-2003 27-11-2003 09-02-2005 27-11-2003
US 5792190	A .	11-08-1998	DE DE EP US US	0756878 5645571	T2 A2	03-07-2003 27-11-2003 05-02-1997 08-07-1997 25-08-1998
US 2003028219	A1	06-02-2003	CN EP WO US	1547494 1412027 03009895 2004215246	A1 A1	17-11-2004 28-04-2004 06-02-2003 28-10-2004
US 5993219	Α.	30-11-1999	NONE			
US 2002143366	A1	03-10-2002	CN EP WO JP	1460030 1372784 02076549 2004534566	A2 A2	03-12-2003 02-01-2004 03-10-2002 18-11-2004
US 2003036044	A1	20-02-2003	US	2004115607	A1	17-06-2004
GB 2386071	Α	10-09-2003	AU EP WO	2003212519 1483015 03076005	A1	22-09-2003 08-12-2004 18-09-2003